



Customized PTO/SB/08a+b (09-06)

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**Sheet 1 of 1

Application #	10/520,926
Confirmation #	4926
Filing Date	February 6, 2006
First Inventor	LEVINGSTON
Art Unit	4645 2833
Examiner	MISKA
Docket #	P08537US00/DEJ

**U.S. PATENT DOCUMENTS**

Exam. Initial*	Document No. Number - Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			

**FOREIGN PATENT DOCUMENTS**

Exam. Initial*	Country-Number-Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.	Trans- lation
W	WO 2004/008259	01-22-2004	LEVINGSTON		

**NON PATENT LITERATURE DOCUMENTS**

Exam. Initial*	Include NAME of the author (in CAPS), Title of Article/Item, Date, Page(s), Volume-Issue No., Publisher, City and/or Country where published	Trans- lation
	Guillaume, Charles-É., Invar and elinvar, Nobel Lecture, December 11, 1920	

Examiner Signature

J. MISKA

Date Considered

9/14/2007

\* Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Customized PTO/SB/08a+b (07-05)

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**Sheet 1 of 1

Application #	10/520,926
Confirmation #	4926
Filing Date	February 6, 2006
First Inventor	LEVINGSTON
Art Unit	1615 <i>2833</i>
Examiner	<i>MISKA</i>
Docket #	P08537US00/DEJ

**U.S. PATENT DOCUMENTS**

Exam. Initial*	Document No. Number - Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			

**FOREIGN PATENT DOCUMENTS**

Exam. Initial*	Country-Number-Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.	Trans- lation

**NON PATENT LITERATURE DOCUMENTS**

Exam. Initial*	Include NAME of the author (in CAPS), Title of Article/Item, Date, Page(s), Volume-Issue No., Publisher, City and/or Country where published	Trans- lation
<i>u</i>	LEVINGSTON, G., "A New Material for Balance Springs," Horological Journal, July 2004, pp. 243-245.	

Examiner Signature	<i>u. MISKA</i>	Date Considered	<i>9/14/2007</i>
--------------------	-----------------	-----------------	------------------

\* Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 1 of 1

Application #	10/520,926
Confirmation #	4926
Filing Date	11 January 2005
First Inventor	LEVINGSTON
Art Unit	2833
Examiner	MISHA
Docket #	P08537US00/DEJ

**U.S. PATENT DOCUMENTS**

Exam. Initial*	Document No. Number - Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.
✓	US-2,568,326	09-18-1951	DUBOIS	
	US-5,881,026	03-09-1999	BAUR ET AL	
	US-5,043,117	08-27-1991	ADACHI ET AL	
	US-6,357,733	03-19-2002	WULZ ET AL	
	US-3,813,872	06-04-1974	NAKAGAWA ET AL	
	US-2002/0070203	06-13-2002	SEREX	
	US-3,187,416	06-08-1965	TUETHEY ET AL	
	US-5,907,524	05-25-1999	MARMY ET AL	
	US-3,624,883	12-07-1971	BAEHNI	
	US-3,683,616	08-15-1972	STEINEMANN ET AL	
	US-209,642	11-05-1878	BERLITZ	
	US-4,260,143	04-07-1981	KLIGER	
	US-5,678,809	10-21-1997	NAKAGAWA ET AL	
✓	US-4,765,602	08-23-1988	ROESELER	

**FOREIGN PATENT DOCUMENTS**

Exam. Initial*	Country-Number-Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.	Translation
✓	EP 1 422 436	05-26-2004	CSEMCT SUISSE D ELECTRONIQUE E		
	JP 09257069	09-30-1997	NIKKISO CO LTD		
	EP1 445 670	08-11-2004	ETA SA MANUFACTURE HORLOGÈRE SUISSE		
	JP 07138067	05-30-1995	NHK SPRING CO LTD		
	JP 11147769	06-02-1999	NHK SPRING CO LTD		
	JP 1110909	04-27-1989	NHK SPRING CO LTD		
	JP 1110908	04-27-1989	NHK SPRING CO LTD		
	JP 1110907	04-27-1989	NHK SPRING CO LTD		
	JP 1110906	04-27-1989	NHK SPRING CO LTD		
	JP 1006537	01-11-1989	IBIDEN CO LTD		
	DE 19651322	06-18-1998	SCHMIDT LOTHAR		
	DE 19651320	06-18-1998	SCHMIDT LOTHAR		
	EP 0 393 226	10-24-1990	NHK SPRING CO LTD		
	EP 0 732 635	09-18-1996	SUISSE ELECTRONIQUE MICROTECH		
✓	EP 1 351 103	10-08-2003	CHOPARD MANUFACTURE SA		

<i>W</i>	EP 1 039 352	✓	09-27-2000	ROLEX MONTRES		
	DE 19651321	✓	06-18-1998	SCHMIDT LOTHAR		
	EP 1 302 821	✓	04-16-2003	FRANCK MULLER-WATCHLAND SA		
	XP-002313758		(not shown)	Spiral (multi-language encyclopedic? article on spiral spring)		
	WO 01/01204	✓	01-04-2001	SEIKO INSTRUMENTS INC.		
	WO 96/14519	✓	05-17-1996	FOLSOM, MARK		
	EP 1 256 854	✓	11-13-2002	SEIKO INSTRUMENTS INC.		
	WO 05/017631	✓	02-24-2005	FORE EAGLE CO LTD		
<i>W</i>	GB 2 041 152	✓	09-03-1980	CELANESE CORP.		

NON PATENT LITERATURE DOCUMENTS		
Exam. Initial*	Include NAME of the author (in CAPS), Title of Article/Item, Date, Page(s), Volume-Issue No., Publisher, City and/or Country where published	Translation
<i>W</i>	Randall, Anthony, Glass Balance Springs – Part 1, 1951, pages 135-137, Vol. III, Bulletin de la Societe Suisse de Chronometrie	
<i>W</i>	Stephen, Richard, Carbon Fibre Pendulum Rods, February 2000, Horological Journal	
<i>W</i>	Edwards, Evan, Carbon Fibre Rods for Pendulums, June 2000, Horological Journal	
<i>W</i>	Glass Balance Springs – Part 2, 1952, pages 246-249, Vol. III, Ibid	

Examiner Signature	<i>✓ MISHA</i>	Date Considered	<i>9/14/2007</i>
--------------------	----------------	-----------------	------------------

\* Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.